

REMARKS

Claims 1-10 and 14-16 stand rejected under 35 USC 102(b) as anticipated by or, in the alternative, under 35 USC 103(a) as obvious over, Grabbe 369 alone or in view of Volz and Isaac. Claims 11-13 stand rejected under 35 USC 103(a) as obvious over Grabbe 369, Volz, Isaac, and Grabbe 826.

Independent claims 1, 9 and 15 have been amended to specify that the devices and methods relate to semiconductor device testing sockets or adapter devices. These claims also now specify that the bent back portions of the testing devices are “arranged obliquely with an angle between 30° and 60° with respect to a longitudinal axis of the socket or adapter device so as to avoid the bent back end sections of different connection pins when the socket or adapter device is mounted to the contact device.”

Grabbe ‘369 does not disclose semiconductor testing sockets or adapter devices as claimed. Further, Grabbe ‘369 does not disclose having the ends sections of the connection pins being bent back in claimed manner. In Grabbe ‘369 the ends sections 56 of pins 40 are straight, the middle sections 50, are bent back (See Gifs. 5 and 7). Finally, in Grabbe ‘369 the end section 56 of the connection pins 40 when viewed from the bottom of the socket or adapter devices are not arranged obliquely with an angle between 30° and 60° with respect to a longitudinal axis of the socket or adapter device. In contrast, as shown in FIGs. 5 and 7 the end section 56 are arranged with angle of approximately 90° with respect to the horizontal axis of the socket or adapter device.

The Examiner cites to Isaac and Volz to disclose sockets for testing, however, the Examiner has not provided any specific motivation within the references themselves to arrive at the claimed devices. The Examiner’s alleged motivation is so general in the context of the relevant art as to constitute no more than the reference to a general level of skill in the art found deficient in *In re Lee*, 277 F.3d 1338, 1343, 61 USPQ2d 1430, 1433 (Fed. Cir. 2002). Under *Lee*, the Examiner must

present specific evidence of motivation on the record, not the generalized allegation of motivation relied on in the pending Action.

Since Grabbe '369 alone or in combination with the other references cited by the Examiner fails to disclose or suggest semiconductor testing sockets or adapter devices with the claimed characteristics, these rejections of claims 1-15 should be withdrawn.

Claims 1-10 and 14-15 stand rejected under 35 USC 102(b) as being anticipated by, or in the alternative under 35 USC 103(a) as obvious over, McHugh alone or in view of Olz and Isaac. Claims 11-13 stand rejected under 35 USC 103(a) as obvious over McHugh, Volz, Isaac, and Grabbe 826.

McHugh, as with Grabbe '369, does not disclose semiconductor testing sockets or adapter devices as claimed. McHugh discloses a land grid array connector for electrically connecting a CPU to a printed circuit board. The contact in McHugh is specifically designed for this purpose. The Examiner again cites to Isaac and Volz to disclose sockets for testing, however, the Examiner has not provided specific motivation to modify McHugh to arrive at the claimed devices as required under *Lee*.

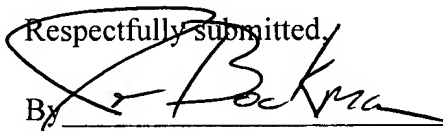
In addition, as specified above, claims 1, 9 and 15 as amended specify that the bent back portions of the testing devices are "arranged obliquely with an angle between 30° and 60° with respect to a longitudinal axis of the socket or adapter device so as to avoid the bent back end sections of different connection pins when the socket or adapter device is mounted to the contact device." McHugh discloses a contact that that can provide relatively strong normal force to two contact pads compressively sandwiched therearound when the LGA contact is urged by the two contact pads. See col. 1, line 66-col. 2, line 3. McHugh does not disclose arranging the bent back sections of the contact "so as to avoid the bent back end sections of different connection pins when the socket or adapter device is mounted to the contact device."

For the foregoing reasons, these rejections of claims 1-15 should be withdrawn.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. **543822003100**.

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Respectfully submitted,

By _____
Jonathan Bockman
Registration No.: 45,640
MORRISON & FOERSTER LLP
1650 Tysons Blvd, Suite 300
McLean, Virginia 22102
(703) 760-7769